Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137571.D
Acq On : 13 Mar 2024 09:27
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:45:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	210293	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	807067	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	454486	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	775721	20.000	ng	0.00
76) Chrysene-d12	14.098	240	454469	20.000	ng	0.00
86) Perylene-d12	15.651	264	415043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1134246	81.689	ng	0.00
7) Phenol-d6	6.551	99	1545081	77.090	ng	0.00
23) Nitrobenzene-d5	7.469	82	1369282	78.832	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	340430	85.296	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2132504	73.449	ng	0.00
79) Terphenyl-d14	13.033	244	2417936	73.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	294080	38.735	ng	98
3) Pyridine	3.569	79	766076	41.839	ng	98
4) n-Nitrosodimethylamine	3.557	42	270964	37.442	ng	98
6) Aniline	6.581	93	988580	40.367	ng	96
8) 2-Chlorophenol	6.698	128	587135	40.091	ng	99
9) Benzaldehyde	6.469	77	397961	40.529	ng	96
10) Phenol	6.563	94	850615	39.431	ng	100
11) bis(2-Chloroethyl)ether	6.651	93	634505	40.138	ng	100
12) 1,3-Dichlorobenzene	6.845	146	617223	39.441	ng	99
13) 1,4-Dichlorobenzene	6.922	146	626628	39.136	ng	97
14) 1,2-Dichlorobenzene	7.075	146	568879	38.709	ng	97
15) Benzyl Alcohol	7.051	79	511063	40.959	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1002669	36.899	ng	97
17) 2-Methylphenol	7.163	107	547671	39.965	ng	98
18) Hexachloroethane	7.404	117	212418	40.290	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	462555	37.374	ng	97
20) 3+4-Methylphenols	7.310	107	608252	38.755	ng	97
22) Acetophenone	7.316	105	762263	39.036	ng	98
24) Nitrobenzene	7.486	77	710860	40.740	ng	97
25) Isophorone	7.722	82	1301046	39.426	ng	98
26) 2-Nitrophenol	7.798	139	302194	43.623	ng	92
27) 2,4-Dimethylphenol	7.834	122	525457	40.595	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	780301	40.301	ng	99
29) 2,4-Dichlorophenol	8.039	162	493488	41.540	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	503984	40.314	ng	99
31) Naphthalene	8.198	128	1699112	39.239	ng	100
32) Benzoic acid	7.969	122	266041	37.305	ng	96
33) 4-Chloroaniline	8.251	127	710299	41.832	ng	100
34) Hexachlorobutadiene	8.310	225	299080	40.522	ng	100
35) Caprolactam	8.628	113	174431m	43.302	ng	
36) 4-Chloro-3-methylphenol	8.733	107	541156	40.753	ng	99
37) 2-Methylnaphthalene	8.886	142	1087543	39.397	ng	98
38) 1-Methylnaphthalene	8.986	142	1014311	39.017	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	507662	40.011	ng	100
41) Hexachlorocyclopentadiene	9.039	237	178608	39.182	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	336809	40.763	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	386729	40.631	ng		97
46) 1,1'-Biphenyl	9.357	154	1288579	38.738	ng		99
47) 2-Chloronaphthalene	9.380	162	1000135	39.435	ng		99
48) 2-Nitroaniline	9.480	65	369069	42.815	ng		95
49) Acenaphthylene	9.798	152	1569164	38.662	ng		100
50) Dimethylphthalate	9.663	163	1276410	40.345	ng		99
51) 2,6-Dinitrotoluene	9.727	165	279569	42.248	ng		91
52) Acenaphthene	9.969	154	928876	38.335	ng		98
53) 3-Nitroaniline	9.898	138	300401	42.918	ng		97
54) 2,4-Dinitrophenol	10.004	184	110292	38.884	ng		99
55) Dibenzofuran	10.145	168	1407706	38.144	ng		98
56) 4-Nitrophenol	10.063	139	183487	39.288	ng		95
57) 2,4-Dinitrotoluene	10.133	165	343491	42.251	ng		96
58) Fluorene	10.486	166	1063004	37.506	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	306085	40.102	ng		94
60) Diethylphthalate	10.369	149	1198925	40.130	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	530011	38.157	ng		97
62) 4-Nitroaniline	10.516	138	250706	41.674	ng		97
63) Azobenzene	10.645	77	1318583	38.329	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	191830	44.370	ng		82
66) n-Nitrosodiphenylamine	10.604	169	982042	39.314	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	344160	40.734	ng		98
68) Hexachlorobenzene	11.033	284	354134	41.499	ng		98
69) Atrazine	11.139	200	318624	41.960	ng		97
70) Pentachlorophenol	11.233	266	218223	42.302	ng		99
71) Phenanthrene	11.457	178	1622476	38.432	ng		100
72) Anthracene	11.510	178	1696302	39.123	ng		99
73) Carbazole	11.669	167	1487874	40.062	ng		99
74) Di-n-butylphthalate	12.004	149	1806663	40.886	ng		99
75) Fluoranthene	12.657	202	1627893	39.449	ng		98
77) Benzidine	12.786	184	467232	42.010	ng		97
78) Pyrene	12.886	202	1636743	36.703	ng		100
80) Butylbenzylphthalate	13.515	149	592605	52.035	ng		98
81) Benzo(a)anthracene	14.086	228	1235822	38.797	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	397701	46.885	ng		99
83) Chrysene	14.121	228	1272416	39.523	ng		100
84) Bis(2-ethylhexyl)phtha...	14.086	149	762747	52.693	ng	#	98
85) Di-n-octyl phthalate	14.715	149	1316274	47.278	ng		97
87) Indeno(1,2,3-cd)pyrene	17.280	276	1001364	36.663	ng		98
88) Benzo(b)fluoranthene	15.186	252	1010261	41.149	ng		98
89) Benzo(k)fluoranthene	15.215	252	1033571	39.194	ng		99
90) Benzo(a)pyrene	15.580	252	965875	39.922	ng		99
91) Dibenzo(a,h)anthracene	17.309	278	812080	36.652	ng		98
92) Benzo(g,h,i)perylene	17.786	276	832402	36.582	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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